



# Crop Progress and Condition



## National Agricultural Statistics Service

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**ALASKA:** There were 4.0 days suitable for fieldwork last week. Topsoil moisture supplies were reported as 95% adequate, 5% surplus. Subsoil moisture supplies were reported as 100% adequate. Barley was reported as 10% ripe. Oats were reported as 10% turning color. First cutting of hay was 95% complete; second cutting was 10% complete. Condition of barley was reported 20% fair, 40% good, 40% excellent. Condition of oats was reported as 35% fair, 40% good, 25% excellent. Condition of all hay was reported 25% fair, 60% good, 15% excellent. Condition of potatoes was reported 60% good, 40% excellent. Condition of pasture was reported 15% fair, 70% good, 15% excellent. Wind and rain damage to crops was reported as 85% none, 10% light, 5% moderate. The main farm activities for the week were harvesting hay and vegetables, weed control, preparing for grain harvest, farm maintenance.

### CROP WEATHER SUMMARY

August 18 – August 24, 2014

Days Suitable for Fieldwork: 4.0

Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	0%	0%
Adequate	95%	100%
Surplus	5%	0%
Pan Evaporation <sup>1/</sup> UAF-AFES, Trunk Rd		0.96

**TANANA VALLEY:** An average of 3.0 days was suitable for fieldwork. Topsoil moisture supplies were reported as 90% adequate, 10% surplus. Subsoil moisture supplies were reported as 100% adequate. Barley was reported as 10% ripe. Oats were reported as 10% turning color. First cutting of hay was 98% complete; second cutting was 20% complete. Condition of barley was reported 20% fair, 40% good, 40% excellent. Condition of oats was reported 30% fair, 40% good, 30% excellent. Condition of all hay was reported as 20% fair, 60% good, 20% excellent. Condition of potatoes was reported 50% good, 50% excellent. Condition of pasture was reported 5% poor, 25% fair, 50% good, 20% excellent. Wind and rain damage to crops was reported as 90% none, 10% light. Farm activities for the week included harvesting hay and vegetables, preparing for grain harvest.

**MATANUSKA VALLEY:** An average of 6.0 days was suitable for fieldwork. Topsoil moisture supplies were reported as 95% adequate, 5% surplus. Subsoil moisture supplies were reported as 100% adequate. First cutting of hay was 90% complete; second cutting was just getting underway. Small grain harvest was also underway. Condition of all hay was reported as 40% fair, 55% good, 5% excellent. Condition of potatoes was reported 5% fair, 60% good, 35% excellent. Condition of pasture was reported 5% fair, 85% good, 10% excellent. Wind and rain damage to crops was reported as 80% none, 10% light, 10% moderate. Farm activities for the week included harvesting hay, vegetables, small grains and grass seed; weed control, farm maintenance.

**KENAI PENINSULA:** An average of 4.0 days was suitable for fieldwork. Topsoil and subsoil moisture were both reported as 100% adequate. First cutting of hay was reported as 100% complete. Condition of all hay was reported as 100% good. Condition of pasture was reported 10% fair, 90% good. Wind and rain damage to crops was reported as 95% none, 5% light. Farm activities for the week included harvesting hay, farm maintenance.

### Soil Temperatures ( F<sup>0</sup> ) at 4 inch depth

	Grass			Fallow land			Temperature		Precipitation (inches)
	2014	2013	2012	2014	2013	2012	High	Low	
UAF-AFES, Trunk Rd	58	57	57	55	48	54	71	46	0.37
Sawmill Creek	55	49	53	na	na	na	68	34	0.95
Plant Materials Center	55	58	56	56	55	54	72	43	0.25

<sup>1/</sup> Pan evaporation is an indirect estimation of evapotranspiration or consumptive water use by plants. For purposes of watering or irrigation of plants, it is a good indicator of climatic effects on water use by crops. A positive reading indicates that evaporation exceeded precipitation. na – not available.

## Weekly Weather Statistics — Alaska: August 18 - August 24, 2014

Weather station	Air temperature				Last week precipitation		Season cumulative precipitation			Growing degree days		
	Hi	Low	AVG	DFN	Total inches	Days	Total inches	DFN	Days	Base 50		Base 40
										Total	DFN	Total
Fairbanks International.....	70	40	57	+3	0.06	1	11.17	+6.05	38	916	+18	2,023
Fairbanks-Eielson .....	67	37	55	+0	0.78	5	10.23	+3.74	32	644	-209	1,682
Nenana .....	69	38	57	+3	0.12	4	12.13	+7.11	41	730	-40	1,792
Fort Greely-Allen .....	66	43	56	+2	1.22	4	8.63	+0.98	45	648	-141	1,702
Healy River Airport.....	67	39	55	+2	0.35	4	7.03	-0.58	57	529	-106	1,578
Gulkana Airport .....	71	33	52	+0	0.80	1	5.66	+0.27	35	392	-54	1,464
Sutton .....	66	44	54	+2	0.28	3	9.83	+3.30	65	427	-33	1,513
Palmer .....	71	45	57	+3	0.11	3	5.23	-0.53	37	682	+82	1,821
Talkeetna .....	71	42	57	+3	0.01	1	7.64	-3.08	42	655	+46	1,762
Willow Airport.....	70	48	58	+3	0.10	2	9.04	+3.63	59	743	+137	1,884
Anchorage International .....	69	50	59	+4	0.01	1	7.47	+1.78	41	784	+182	1,926
Kenai.....	68	42	54	+0	0.12	4	8.34	+2.62	49	424	+81	1,451
Homer.....	67	47	57	+4	0.21	1	5.75	+0.64	48	535	+237	1,647
Kodiak.....	69	46	55	+1	0.80	2	16.24	-2.77	47	480	+158	1,548

Summary based on NWS data.

DFN=Departure from normal.

Precipitation days=Days with precipitation of 0.01 inch or more.

Season cumulative precipitation total starts May 1, 2014.

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